AMENDMENTS TO THE CLAIMS

The listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) In a system including a wireless device and a notification server, wherein the notification server sends notifications to the wireless device over a low capacity channel, a method for routing the notifications over a high capacity channel whenever a high capacity channel is available to the wireless device, the method comprising the wireless device performing:

an act of communicating with a wireless device over a low capacity channel and over which notifications are by default sent from a notification server to the wireless device;

an act of detecting that the wireless device has connected with a network device, wherein the network device is connected with the notification server over a ~~the high~~ capacity channel comprising the internet;

an act of receiving notice that ~~notifying the notification server that~~ the wireless device has access to the high capacity channel comprising the internet through the network device;

an act of temporarily rerouting notifications that are to be sent to the wireless device over the low capacity channel to now be sent to the wireless device ~~receiving the notifications from the notification server~~ over the high capacity channel comprising the internet and until it is at a later time determined that the wireless device no longer has access to the high capacity channel and at which later time notifications will resume being sent to the wireless device over the low capacity channel.

2. (Currently Amended) A method as defined in claim 1, ~~wherein the act of detecting the high capacity channel further comprises as act of connecting the wireless device with a network device,~~ wherein the wireless device communicates with the network device over a communication link, and wherein the ~~act of connecting the~~ wireless device ~~can occur~~ automatically connects with the network device.

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3. (Original) A method as defined in claim 2, wherein the network device is one of a desktop computer, a blue tooth enabled LAN, and a kiosk. .

4. (Original) A method as defined in claim 2, wherein the communication link is one of a serial link, a universal serial bus link, a wireless Bluetooth link and an infrared link.

5. (Original) A method as defined in claim 1, wherein the act of detecting the high capacity channel further comprises an act of communicating with a network device over a communication link.

6. (Original) A method as defined in claim 1, wherein the act of notifying the notification server comprises an act of sending an access notification to the notification server, wherein the access notification identifies that the high capacity channel is available for notifications sent to the wireless device.

7. (Original) A method as defined in claim 1, wherein the act of notifying the notification server further comprises an act of providing the notification server with a new address, wherein the notifications are routed to the new address.

8. (Original) A method as defined in claim 1, further comprising an act of detecting that the wireless device no longer has acccss to the high capacity channel.

9. (Original) A method as defined in claim 8, wherein the act of detecting that the wireless device no longer has access to the high capacity channel further comprises an act of sending an acknowledgement to the notification server for each notification received by the wireless device.

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10. (Original) A method as defined in claim 8, wherein the act of detecting that the wireless device no longer has access further comprises the act of notifying the notification server over the low capacity channel that notifications can no longer be sent over the high capacity channel.

11. (Original) A computer program product having computer executable instructions for performing the acts recited in claim 1.

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12. (Currently Amended) In a system including a wireless device and a notification server, wherein the wireless device and the notification server communicate over a low capacity channel, a method for the wireless device and the notification server to communicate over a high capacity channel, the method comprising steps for:

an act of communicating with a wireless device over a low capacity channel and over which notifications are by default sent from a notification server to the wireless device;

wherein the wireless device subsequently accesses ~~accessing the~~ a high capacity channel comprising the internet connected to the notification server~~by the wireless device~~;

a step for establishing communication over the high capacity channel between the wireless device and the notification server;

a step for temporarily sending notifications over the high capacity channel comprising the internet instead of the default low capacity channel in response to the wireless device establishing the high capacity channel; and

a step for, detecting that the wireless device is no longer connected with the high capacity channel comprising the internet, ~~when access to the high capacity channel terminates, resume~~ and in response to detecting that the wireless device is no longer connected with the high capacity channel, resuming to send~~sending~~ notifications over the low capacity channel.

13. (~~Original~~Currently Amended) A method as defined in claim 12, wherein the step for accessing the high capacity channel further comprises:

an act for ~~conecting~~ connecting the wireless device with a network device, wherein the network device has an existing access to the high capacity channel; and

an act of detecting the high capacity channel by the wireless device.

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14. (Original) A method as defined in claim 12, wherein the act of establishing communication over the high capacity channel further comprises:

an act of notifying the notification server, by the wireless device, that the wireless device has access to the high capacity channel;

an act of providing the notification server with an address such that the wireless device receives the notifications over the high capacity channel; and

an act of formatting the notifications for transmission over the high capacity channel.

15. (Original) A method as defined in claim 12, further comprising a step for determining that the wireless device can no longer receive notifications over the high capacity channel.

16. (Original) A method as defined in claim 15, wherein the step for determining that the wireless device can no longer receive notifications over the high capacity channel comprises:

an act of sending an acknowledgement by the wireless device for each notification sent by the notification server; and

an act of determining that the wireless device no longer has access to the high capacity channel if the notification server does not receive a particular acknowledgement for a particular notification within a predetermined time period.

17. (Original) A method as defined in claim 12, further comprising a step for resuming the step for sending notifications over the high capacity channel when the wireless device again has access to the high capacity channel.

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18. (Original) A method as defined in claim 12, further comprising a step for preparing the notification for transmission over the high capacity channel when the wireless device has access to the high capacity channel.

19. (Original) A method as defined in claim 12, further comprising a step for preparing the notification for transmission over the low capacity channel when the wireless device does not have access to the high capacity channel.

20. (Original) A computer program product having computer executable instructions for performing the steps recited in claim 12.

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21. (Currently Amended) ~~In a system including a wireless device and a server, wherein the wireless device receives updates from the server over a first channel through a proxy server, a method for receiving the updates at the wireless device over a second channel, the second channel having higher capacity than the first channel~~A method as recited in claim 12, the method further comprising:

an act of providing the wireless device with access to the second channel through ~~a~~ the network device when the wireless device is in communication with the network device;

an act of contacting the proxy server over the second channel to notify the proxy server that the wireless device has access to the second channel; and

an act of receiving notifications from the server over the second channel until the wireless device no longer has access to the second channel, wherein the notification are re-routed by the proxy server over the second channel.

22. (Original) A method as defined in claim 21, further comprising an act of receiving notifications over the first channel when the second channel is not available to the wireless device.

23. (Original) A method as defined in claim 21, wherein the act of providing the wireless device with access to the second channel further comprises an act of connecting the wireless device at a docking station, the docking station having a communication link with the network device that provides the wireless device has access to the second channel through the network device.

24. (Original) A method as defined in claim 21, further comprising an act of sending notifications over the first channel when the wireless devices loses access to the second channel.

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25. (Currently Amended) A method as recited in claim 12~~In a system including a wireless device and a notification server, wherein the notification server sends a notification to the wireless device through a proxy server over a low capacity channel, a method for routing the notification over a high capacity channel when the high capacity channel is available~~, the method further comprising:

~~an act of detecting that the wireless device has access to the high capacity channel;~~

an act of the proxy server receiving an access notification from the wireless device, wherein the access notification informs the proxy server that the wireless device has access to the high capacity channel;

an act of the proxy server routing the notification to the wireless device over the high capacity channel instead of the low capacity channel; and

an act of the proxy server resuming sending the notification to the wireless device over the low capacity channel when the wireless device no longer has access to the high capacity channel.

26. (Original) A method as defined in claim 25, wherein the act of the proxy server routing the notification further comprises an act of formatting the notification for transmission over the high capacity channel.

27. (Original) A method as defined in claim 25, wherein the act of detecting the high capacity channel further comprises an act of connecting the wireless device with the high capacity network over a communication link.

28. (Original) A method as defined in claim 27, wherein the communication link is provided by a network device, the communication link being one of: a serial link, a universal serial bus link, a wireless Bluetooth link, and an infrared link.

29. (Original) A method as defined in claim 25, further comprising an act of the proxy server determining that the wireless device no longer has access to the high capacity channel.

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30. (Original) A method as defined in claim 29, wherein the act of the proxy server determining that the wireless device no longer has access further comprises:

an act of implementing a timeout for the notification sent to the wireless device; and

an act of resuming sending the notification to the wireless device over the low capacity channel if an acknowledgement of the notification is not received by the proxy server before the timeout expires.

31. (Original) A computer readable medium having computer executable instructions for performing the acts recited in claim 25.

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32. (Currently Amended) ~~In a system that includes a wireless device and a notification server, wherein the notification server sends notifications to the wireless device over a low capacity channel, a~~A computer program product ~~for implementing a method of routing the notifications over a high capacity channel instead of the low capacity channel when the high capacity channel is available, comprising~~ as recited in claim 31, wherein the method further comprises:

~~a computer readable medium for carrying machine executable instructions for implementing the method, wherein the method is comprised of computer executable instructions for performing acts of:~~

detecting the high capacity channel by the wireless device, wherein the wireless device has access to the high capacity channel through ~~a~~ the network device;

notifying the notification server that the wireless device can receive notifications over the high capacity channel; and

sending notifications over the high capacity channel, wherein the network device forwards the notifications to the wireless device.

33. (Original) A computer program product as defined in claim 32, wherein the method further comprises:

an act of detecting that the wireless device no longer has access to the high capacity channel; and

an act of sending notifications over the low capacity channel when the high capacity channel is unavailable to the wireless device.

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34. (Original) A computer program product as defined in claim 32, wherein the method further comprises:

an act of the wireless device sending an acknowledgement to the notification server for each notification received by the wireless device; and

an act of the notification server determining that the wireless device no longer has access to the high capacity channel if a particular acknowledgement for a particular notification is not received in a time period.

35. (Original) A computer program product as defined in claim 32, wherein the method further comprises:

an act of formatting the notification for transmission over the low capacity channel if the high capacity channel is unavailable; and

an act of formatting the notification for transmission over the high capacity channel when the wireless device has access to the high capacity channel.

36. (Original) A computer program product as defined in claim 32, wherein the method further comprises an act of docking the wireless device with the network device.

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